

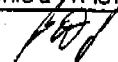
DOE ORDER #
94RF 00217**EG&G ROCKY FLATS**

DIST.	ltr	BNC
AMARAL, M. E.		EG&G ROCKY FLATS, INC.
BENEDETTI, R. L.		ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L.K.		
HEALY, T.J.		
HEDAHL, T.		
HILBIG, J.G.		Martin H. McBride
HUTCHINS, N. M.		Environmental Restoration Division
KIRBY, W.A.		DOE, RFO
KUESTER, A.W.		
MARAFFEY, J.W.		
MANN, H.P.	✓	
MARX, G.E.		
MCDONALD, M.M.		
MCKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZUTTO, G.L.		
RISING, T. L.		
SANDLIN, N.B.		
SETLOCK, G. H.		
STEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.	✓	
WILLIAMS, S. (ORC)		
WILSON, J.M.		
WYANT, R. B.		
BUSBY, W. S.	X	X
LAKE, D. Y. Q.		
Green SC	✓	✓
Volume 19	✓	✓
Carl K.	✓	✓
St. Berman	✓	✓
CORRES CONTROL	X	X
RECORDS CTR (2)	X	X
ADMIN RECORD/080		
TERM TRACKING	✓	✓
TRAFFIC		
CLASSIFICATION		
UCNI		
UNCLASSIFIED	X	
CONFIDENTIAL		
SECRET		
AUTHORIZED CLASSIFIER		
SIGNATURE		
DOCUMENT CLASSIFICATION		
REVIEW WAIVER PER		
CLASSIFICATION OFFICE		
DATE		
IN REPLY TO RFP CC NO:		

ACTION ITEM STATUS
 OPEN CLOSED
 PARTIAL

LTR APPROVALS:

ORIG & TYPIST INITIALS


 tjr

RF-45469 (Rev. 12/93)

DOCUMENT CLASSIFICATION
 REVIEW WAIVER PER
 CLASSIFICATION OFFICE

ADMIN RECORD

A-OUOB-000119

Martin H. McBride
January 7, 1994
94-RF-00217
Page 2

If you have any questions concerning this issue, please contact Bruce Peterman of Remediation Project Management at extension 8659.



S.G. Stiger
Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats, Inc.

SGB:tjr

Orig. and 1 cc - M. H. McBride

Attachments:
As Stated

cc:

A. H. Pauole	-	DOE, RFO
R. J. Schassburger	-	" "
M. N. Silverman	-	" "
B. K. Thatcher	-	" "

FY 95-99 Five Year Plan Assumptions

During FY 93 initial site assessment consisted of implementation of the non-intrusive activities of the Phase I RFI/RI Work Plan. During FY 94, it is anticipated that the initial non-intrusive site assessment for OU 8 will be completed including surficial soil sampling, real-time soil gas surveys and radiological surveys. Completion of these activities will culminate with the development of a Technical Memorandum (TM) that summarizes the non-intrusive activities and include an intrusive field sampling plan for the next phase of the assessment. This TM is planned to be completed during the second quarter of FY 95.

TECHNICAL

1. It is assumed that characterization and sampling, that began in FY 93 will be carried over into FY 94.
2. It is assumed that any temporary equipment within the investigative area of an IHSS will not limit access and will be removed. Removal costs are not the responsibility of ER budgets and, therefore, not included.
3. It is assumed that "cold" (non-radioactive) laboratory sample turn around time will be 75 days and that "hot" (radioactive) sample turn around time will be 90 days.
4. It is assumed that the time required for storage and screening of samples prior to shipment to laboratories for analysis will not exceed five (5) working days.
5. Although underground utilities will affect intrusive activities, it is anticipated that work-arounds will be available so that the presence of competing underground utilities will not entirely preclude activities.
6. It is assumed that the average laboratory cost of sample analysis will not increase during FY 94 and that average laboratory costs will be charged to this Work Package per the analytical cost estimate provided by EG&G ERM Sample Management.
7. Initial unvalidated results will be used for the draft writing of technical memorandum and reports.
8. It is assumed that radiation surveys will be performed by EG&G's High Purity Germanium (HPGe) detector team which consists of two technicians and one specialist with two subcontractor technicians support if required.
9. It is assumed that one HPGe tripod unit will yield a daily estimated rate of six stations per day. The truck mounted HPGe will yield a daily estimated rate of two stations per day.
10. It is assumed that the OUs requiring Sodium Iodide (NaI) detectors, a rate of 50 stations per day for IHSSs that are large (greater than 100 ft by 100ft) accessible without security restrictions (e.g. along roads, ditches). A rate of 25 stations per day is used for IHSSs smaller than 100 ft by 100 ft and are located in security areas e.g. the Protected Area (PA).

11. It is assumed that the Environmental Evaluation (EE) fieldwork, initial surveys and EE report are independent of one another. The EE fieldwork will be integrated and occur with the Integrated OUs. One EE will be conducted for the entire Industrial Area.
12. It is assumed that the T&E Survey for Spiranthes and Prebles Meadow Jumping Mouse within the industrial area are not likely to affect the field activities for the integrated OUs.
13. It is assumed that surface soil sampling will be performed by a subcontractor. The estimated rate for surface soil sampling is four samples per day.
14. Vertical profile samples are to support the HPGe survey interpretation and will be collected concurrently with the Radiation Survey task.
15. Ceratin radioactive elements are transparent to HPGe and NaI surveys (i.e. Tritium). It is assumed that these analytes will be included as an additional analyte within surface soil samples.
16. It is assumed that a rate of six soil gas samples per day can be collected and analyzed for the soil gas task durations.
17. Survey location/grid layout/utility location times are built into each task that will require survey grids for sampling, radiation surveys, utility clearance, etc.

SCHEDULE

1. It is assumed that field activities will be integrated amongst OUs 8, 9, 10, 12, 13 and 14 with one contract being awarded.
2. It is assumed that the FY 93 subcontract to perform non-intrusive investigations for the integrated OUs will be extended thorough FY 94, and will not need to be replaced with a new procurement action.
3. It is assumed that Procurement Tasks amongst the integrated OUs will be combined and awarded to a single subcontractor where applicable.
4. It is assumed that the Statement of Work and the procurement process for any contract is per the MTS contracting guidelines and costs.
5. It is assumed that the subcontractor will provide adequate security cleared personnel to escort data compilation and field crews during performance of contract.
6. It is assumed that fieldwork following the EE surveys will be performed by a subcontractor, and report development will be performed internally by EG&G.
7. It is assumed that any supporting NEPA documentation (i.e. Categorical Exclusions) will be granted in a within 90 days of requested initiation and will not delay field activities.

8. It is assumed that EG&G RPM FY 93 Staffing Plan requirements will be met prior to FY 94 and/or staffing requirements will not affect scheduling for OU 8.
9. Schedules were developed assuming work would be performed at 8 hours per day. However, previous experience has shown that a 10-hour day is common for field activities for logistical considerations. However, overtime requirements by the subcontractor may increase project costs. Currently, authorization for subcontractor overtime is evaluated on a case by case basis.
10. It is assumed that the current levels of documentation required by internal and external entities and organizations will not change significantly and will support project accomplishments. The following is a list of all required documentation:
 - ER Weekly Reports
 - Monthly Variance/Cost Analysis Reports
 - Monthly ER Progress Reports
 - Progress Tracking Reports
 - Activity Data Sheet (ADS) Reports
11. All external deliverable documents will be distributed as follows:
 - Six copies to DOE/RFO for internal use and distribution
 - Two copies to CDH
 - Two copies to EPA
 - Four copies to NRDA Trustees
 - Two copies to the Administrative Record
 - One copy to ERM Library
 - Three copies to EG&G for internal use
12. One full time equivalent is 1750 hours.
13. Data validation subcontracting dollars is not included in this work package. It is assumed that data validation will be covered by Sample Management Organization.
14. Fire department and emergency response support is not included in this work package. It is assumed that these will be covered by Environmental Operations Management work packages.
15. It is assumed that overtime premiums will be directly charged to the work package during FY 94.
16. Additional assumptions apply for guidance memo received from EG&G Management at Budget Call meeting on April 28, 1993. Memo was signed by R.L. Benedetti.
17. Additional assumptions apply from Program Guidance Summary (MCS1-1) received on May 19, 1993 from Bruce Pett for R.L. Benedetti.

18. It is assumed that the intrusive investigation of OU 8 will be linked to Decontamination and Decommissioning/Transition efforts at the Rocky Flats Plant.

COST

1. It is assumed that CDH and EPA comment periods for TMs will not exceed ten (10) working days from the document's submittal date.
2. It is assumed that CDH and EPA comments on TMs will be resolved within five (5) working days of official receipt.
3. It is assumed that DOE/RFO official review of the finalized TM require ten (10) working days and that transmittal of TMs to the regulatory agencies by DOE/RFO will not exceed three (3) working days.
4. It is assumed that TMs will be approved by CDH and EPA within five (5) working days of their receipt of the finalized document.
5. Penalties and fines incurred because of missed legally-enforceable milestones are not included in this work package.
6. It is assumed that the OU 8-related Potential Areas of Concerns (PAC) and Potential Incidents of Concern (PIC) identified in M.Hestmark's letter 8HWM-FF to R.Schassburger will not be investigated as part of OU 8.

U. S. Department of Energy - Rocky Flats Plant
 PROPOSED FY95-FY99 FIVE YEAR PLAN
 WORK PACKAGE: 12355 OU & REMEDIAL INVESTIGATION

ACTIVITY	DESCRIPTION	OU#	START	FINISH	1990 Jan	1991 Jan	1991 Jun	1992 Jan	1992 Jun	1993 Jan	1993 Jun	1994 Jan	1994 Jun	1995 Jan	1995 Jun	1996 Jan	1996 Jun	1997 Jan	1997 Jun	1998 Jan	1998 Jun
OU 0 DRAFT PHASE I RFI/RI & EE/HIRA WORK PLAN																					
1	DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		220 24-Oct-1991A	11-Sep-1992A																	
2	1235500010 PREPARE DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		15 21-Dec-1991A	04-Jan-1992A																	
3	1235500015 PROJECT SUPPORT TEAM CRITICAL		15 21-Dec-1991A	06-Jan-1992A																	
4	1235500010 DOCUMENT PROCESSING & TRANSMISSION		5 07-Jan-1992A	12-Jan-1992A																	
5	1235500013 DRAFT FINANCIAL RFI/RI & ECE/HIRA WORK PLAN		21 01-Jan-1992A	11-Feb-1992A																	
6	1235500010 INCORPORATE COMMENTS DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		10 12-Feb-1992A	25-Feb-1992A																	
7	1235500015 DOCUMENT PROCESSING & TRANSMISSION		5 24-Feb-1992A	03-Mar-1992A																	
8	1235500010 OCEANIC CIRCULAR REVIEW DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		24 01-Mar-1992A	08-Apr-1992A																	
9	1235500015 DOCUMENT REVIEW DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		26 01-Mar-1992A	08-Apr-1992A																	
10	1235500010 INCORPORATE DOCUMENT LANCHIS		10 09-Apr-1992A	23-Apr-1992A																	
11	1235500015 DOCUMENT PROCESSING & TRANSMISSION		5 21-Apr-1992A	30-Apr-1992A																	
12	1235500010 SIGN OFF DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		2 01-May-1992A	01-May-1992A																	
13	1235500015 TRACCI REVIEW DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		9 01-May-1992A	11-May-1992A																	
14	1235500010 HEDA THURGES REVIEW DRAFT PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		9 01-May-1992A	11-May-1992A																	
15	1235500010 OU 0 INITIAL PHASE I RFI/RI & EE/HIRA WORK PLAN		125 09-Jun-1992A	12-Jun-1992A																	
16	1235500015 INCORPORATE COMMENTS FINAL RFI/RI & ECE/EE/HIRA WORK PLAN		58 09-Jun-1992A	01-Jul-1992A																	
17	1235500120 SIGN OFF FINAL PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		58 09-Jun-1992A	01-Jul-1992A																	
18	1235500125 APPROVE REVISED FINAL PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		27 02-Dec-1992A	15-Jan-1993A																	
19	1235500140 CEDANT ASSISTANT & RESIDENTIAL DEPARTMENT APPROVE REVISED FINAL PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		25 18-Jan-1993A	19-Feb-1993A																	
20	1235500155 DECARD REVIEWS REVISED FINAL PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		19 08-Feb-1993A	19-Feb-1993A																	
21	1235500160 SIGN OFF REVISED FINAL PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		19 08-Feb-1993A	19-Feb-1993A																	
22	1235500165 APPROVE REVISED FINAL PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		5 22-Feb-1993A	24-Feb-1993A																	
23	1235500170 APPROVE FINAL PHASE I RFI/RI & ECE/EE/HIRA WORK PLAN		10 01-Mar-1993A	12-Mar-1993A																	
24	OU 0 PHASE I RFI/RI & EE/HIRA FIELDWORK PROCUREMENT																				
25	1235500175 FIELDWORK PROCUREMENT AGREEMENT, RECOMMENDATION, APPROVAL, REVIEW, & APPROVE GOV. PROPOSAL B		68 21-Dec-1992A	20-Apr-1993																	
26	1235500170 PROJECT MANAGEMENT		22 21-Dec-1992A	27-Jan-1993A																	
27	1235500115 PROJECT MANAGEMENT		66 21-Jan-1993A	20-Apr-1993																	
28	OU 0 REMEDIAL INVESTIGATION AIDS 1006																				

U. S. Department of Energy - Rocky Flats Plant
 PROPOSED FY95-FY99 FIVE YEAR PLAN
 WORK PACKAGE: 12355 OU 8 REMEDIAL INVESTIGATION

ACTIVITY	DESCRIPTION	DRG.	START	FINISH	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
29	1235500115 PURCHASING DIRECT RECOVERY	219	01-Oct-1992A	30-Sep-1993															29
30	1235500150 PERMITTING/ICELIZATION	69	28-Jan-1993A	05-May-1993															30
31	1235500175 DATA CORROBORATION - EVALUATION FOR FOOTING/UNDERGRADING - PREPARE TA/FSP FOR DILUTION	40	15-Apr-1993	03-Jul-1993															31
32	1235500180 PREPARE FSP FOR DILUTION	10	03-May-1993	27-May-1993															32
33	1235500210 IM - LIAISON FOR FOOTING DRILLING/ UNDERGRADING	15	12-Jul-1993	13-Sep-1993															33
34	1235500355 SPECIFIC	2	10-Aug-1993	11-Aug-1993															34
35	1235500360 GEOPHYSICAL SURVEY	3	10-Aug-1993	12-Aug-1993															35
OU 8 ENVIRONMENTAL EVALUATION																			
36	1235500015 CIRCUITMENT EVALUATION IECI	718	02-Oct-1991A	01-Oct-1991															36
37	1235500100 CIRCUITMENT SITE CHARACTERIZATION	21	02-Oct-1991A	30-Dec-1991A															37
38	1235500015 PREPARE ECR WORK PLAN	41	30-Oct-1991A	06-Jan-1992A															38
39	1235500105 INTEGRAL AREA ECR FIELDWORK	130	04-May-1993	08-Nov-1993															39
40	1235500105 ECR LAB ANALYSIS	250	01-Oct-1993	03-Oct-1994															40
OU 8 HUMAN HEALTH RISK ASSESSMENT																			
41	1235500005 HUMAN HEALTH RISK ASSESSMENT HURA	4220	01-Oct-1991A	12-Sep-2008															41
42	1235500010 PREPARE HURA WORK PLAN	42	01-Oct-1991A	06-Jan-1992A															42
43	1235500040 TECH ICID #11 EXPOSURE ASSESSMENT	108	01-Oct-1991	11-Mar-1994															43
44	1235500105 TECH ICID #12 ICOD DG	108	01-Oct-1993	11-Mar-1994															44
45	1235500015 TECH ICID #13 CONTAMINANTS OF CONCERN	129	27-Feb-2008	28-Aug-2008															45
46	1235500089 TECH ICID #14 TOXICITY FACTORS	108	11-Apr-2008	12-Sep-2008															46
47	1235500200 RIA REPORT/COPIES REPORT HARA REPORT PREPARATION	142	01-Jul-2008	28-Aug-2008															47
OU 8 (IISS 110) PHASE I RFI/RI FIELDWORK																			
48	1235500125 IISS 110 PHASE I RFI/RI FIELDWORK	1462	01-Oct-1993	15-Sep-1999															48
49	1235500375 IISS 110 GDR GAS	2	01-Oct-1993	01-Oct-1993															49
50	1235500755 IISS 110 BAG BAFFLES	2	01-Sep-1993	02-Sep-1993															50
51	1235500740 IISS 110 DRILL 4 B11 120 FT. I	8	01-Sep-1993	11-Sep-1993															51
52	1235500780 IISS 110 RAD SCREEN OF SAMPLES	6	03-Sep-1993	15-Sep-1993															52
OU 8 (IISS 110) PHASE I RFI/RI LAB WORK/DATA VALIDATION																			
53	1235500810 IISS 110 PHASE I INFECT LAB WORK/DATA VALIDATION	178	09-Sep-1993	26-Nov-2000															53
54	1235500775 INHALATION LABORATORY, SAMPLE ANALYSIS	98	09-Sep-1993	03-Feb-2000															54
55	1235500015 DATA VALIDATION	49	25-Jan-2009	28-Apr-2009															55
56	1235500825 RFDS	88	25-Jan-2000	26-May-2000															56
OU 8 REMEDIAL INVESTIGATION ADS 1006																			

LAST UPDATED AS OF: 15-May-93 01:44

OU 8 REMEDIAL INVESTIGATION ADS 1006

This is a current, unofficial schedule that may differ from the official ICIS baseline.

U. S. Department of Energy - Rocky Flats Plant
 PROPOSED FY95-FY99 FIVE YEAR PLAN
 WORK PACKAGE: 12355 OU 6 REMEDIAL INVESTIGATION

ACTIVITY	DESCRIPTION	OUT.	START	END	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
OU 0 (IISS 123) PHASE I RFI/RI FIELDWORK																													
52 1235500205 IISS 123 PHASE I RFI/RI FIELDWORK	1550 03-Jun-1993		25-Oct-1993																										53
58 1235500200 IISS 123 120.1 GROUNDWATER SOIL SAMPLES	1 01-Jun-1993		10-Jun-1993																										58
59 1235500380 IISS 123 120.1 SOIL GAS SURVEY	2 01-Oct-1993		04-Oct-1993																										59
40 1235500385 IISS 123 120.1 IPDE & YPS SURVEY	3 01-Oct-1993		05-Oct-1993																										60
41 1235500770 IISS 123 120.1 BAT SAMPLES	30 01-Sep-1993		13-Oct-1993																										61
42 1235500775 IISS 123 120.1 DRILL 14 BH 120 FT. I RAD SCREEN OF SAMPLES	36 01-Sep-1993		21-Oct-1993																										62
42 1235500790 IISS 123 120.1 RAD SCREEN OF SAMPLES	36 01-Sep-1993		25-Oct-1993																										63
OU 0 (IISS 123) PHASE I RFI/RI LAB WORK/DATA VALIDATION																													
44 1235500265 IISS 123 PHASE I RFI/RI LAB WORK/DATA VALIDATION	1712 07-Jul-1993		07-Aug-1993																										44
45 1235500260 IISS 123 INTRUSIVE LABORATORY SAMPLE ANALYSIS	92 09-Jul-1993		16-Jun-1993																										45
44 1235500410 OU 6 ANALYTICAL ADJUSTMENT	124 01-Oct-1993		07-Apr-1994																										44
47 1235500805 INTRUSIVE LABORATORY SAMPLE ANALYSIS	126 09-Sep-1993		11-Nov-2000																										47
49 1235500815 DATA VALIDATION	94 25-Jun-2000		08-Jun-2000																										48
49 1235500810 ARCS	104 25-Jun-2000		07-Jul-2000																										49
OU 0 (IISS 135) PHASE I RFI/RI FIELDWORK																													
70 1235500215 IISS 135 PHASE I RFI/RI FIELDWORK	1550 11-Jun-1993		15-Sep-1993																										70
71 1235500210 IISS 135 SURFACE/SUBLAYER SOIL SAMPLES	2 11-Jun-1993		14-Jun-1993																										71
72 1235500250 IISS 135 BAT SAMPLES	1 01-Sep-1993		01-Sep-1993																										72
73 1235500265 IISS 135 GRILL 4 BH 120 FT. I	0 01-Sep-1993		13-Sep-1993																										73
74 1235500275 IISS 135 RAD SCREEN OF SAMPLES	0 02-Sep-1993		15-Sep-1993																										74
OU 0 (IISS 135) PHASE I RFI/RI LAB WORK/DATA VALIDATION																													75
75 1235500200 IISS 135 PHASE I RFI/RI LAB WORK/DATA VALIDATION	1712 13-Jul-1993		26-Aug-2000																										75
76 1235500275 HIGH-THROUGH LABORATORY SAMPLE ANALYSIS	92 13-Jun-1993		18-Jun-1993																										76
77 1235500260 INTRUSIVE LABORATORY SAMPLE ANALYSIS	98 09-Sep-1993		03-Feb-2000																										77
78 1235500200 IISS 135 DATA VALIDATION	68 25-Jun-2000		28-Apr-2000																										78
79 1235500210 IISS 135 ARCS	68 25-Jun-2000		26-May-2000																										79
OU 0 (IISS 137) PHASE I RFI/RI FIELDWORK																													71
80 1235500225 IISS 137 PHASE I RFI/RI FIELDWORK	92 15-Jun-1993		02-Oct-1996																										80
81 1235500220 IISS 137 SURFACE/SUBLAYER SOIL SAMPLES	2 15-Jun-1993		16-Jun-1993																										81
82 1235500210 IISS 137 BAT SAMPLES	2 03-Sep-1996		01-Sep-1996																										82
OU 0 REMEDIAL INVESTIGATION ADS 1006																													

FILE: ACTUAL AS OF: 15-Nov-93:01:46

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 Page 3 of 9

**U. S. Department of Energy - Rocky Flats Plant
PROPOSED FY95-FY99 FIVE YEAR PLAN
WORK PACKAGE: 12355 OU 8 REMEDIAL INVESTIGATION**

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ADS 1006
ONLINE INVESTIGATION

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**U. S. Department of Energy - Rocky Flats Plant
PROPOSED FY95-FY99 FIVE YEAR PLAN
WORK PACKAGE: 12355 OU & REMEDIAL INVESTIGATION**

ACTIVITY	DESCRIPTION	DUR.	START	FINISH	10/95	11/95	12/95	1/96	2/96	3/96	4/96	5/96	6/96	7/96	8/96	9/96	10/96	
OU 0 (TISS 144) PHASE I RFI/RI FIELDWORK																		
100	1235500220 TIGS 144 PHASE I RFI/RI FIELDWORK	515	01-Oct-1995	25-Oct-1995														
109	1235500320 TIGS 144 SURFACE/SUBSURFACE SOIL SAMPLES	5	01-Oct-1995	07-Oct-1995														
110	1235500410 TIGS 144 RAD SURVEY	1	08-Oct-1995	09-Oct-1995														
111	1235500415 TIGS 144 SOIL GAS SURVEY	2	08-Oct-1995	11-Oct-1995														
112	1235500520 TIGS 144 BAT SAMPLES	3	01-Sep-1995	06-Sep-1995														
113	1235500530 TIGS 144 TALL 18 IN (20 FT.) RAD SCREEN OF SAMPLES	36	01-Sep-1995	23-Oct-1995														
114	1235500540 TIGS 144 RAD SCREEN OF SAMPLES	36	06-Sep-1995	25-Oct-1995														
OU 0 (TISS 144) PHASE I RFI/RI LAB WORK/DATA VALIDATION																		
115	1235500520 TIGS 144 PHASE I RFI/RI LAB WORK/DATA VALIDATION	667	01-Nov-1995	09-Jul-1996														
116	1235500515 HIGH-THROUGHPUT LABORATORY SAMPLE ANALYSIS	95	01-Nov-1995	23-Nov-1995														
117	1235500400 INTRUSIVE LABORATORY SAMPLE ANALYSIS	126	11-Sep-1995	14-Nov-1995														
118	1235500840 DATA VALIDATION	96	25-Jan-1996	10-Jun-1996														
119	1235500420 RECORDS	116	25-Jan-1996	09-Jul-1996														
OU 0 (TISS 150) PHASE I RFI/RI FIELDWORK																		
120	1235500195 TIGS 150 PHASE I RFI/RI FIELDWORK	559	04-Jan-1996	11-Apr-1997														
121	1235500190 TIGS 150 RAD SURVEY	14	04-Jun-1993	25-Jun-1993														
122	1235500225 TIGS 150 SURFACE/SUBSURFACE SOIL SAMPLES	19	09-Jul-1993	04-Aug-1993														
123	1235500395 TIGS 150 SOIL GAS SURVEY	5	01-Oct-1993	07-Oct-1993														
124	1235500410 TIGS 150 BAT SAMPLES	12	03-Sep-1996	18-Sep-1996														
125	1235500440 TIGS 150 TALL 76 IN (20 FT.) RAD SCREEN OF SAMPLES	119	03-Sep-1996	09-Apr-1997														
126	1235500460 TIGS 150 RAD SCREEN OF SAMPLES	148	05-Sep-1996	11-Apr-1997														
OU 0 (TISS 150) PHASE I RFI/RI LAB WORK/DATA VALIDATION																		
127	1235500350 TIGS 150 PHASE I RFI/RI LAB WORK/DATA VALIDATION	1007	09-Aug-1993	17-Dec-1997														
128	1235500415 HIGH-THROUGHPUT LABORATORY SAMPLE ANALYSIS	109	09-Aug-1993	19-Jan-1994														
129	1235500415 INTRUSIVE LABORATORY SAMPLE ANALYSIS	238	10-Sep-1996	22-Aug-1997														
130	1235500700 DATA VALIDATION	268	24-Jan-1997	17-Nov-1997														
131	1235500705 RECORDS	229	24-Jan-1997	17-Dec-1997														
OU 0 REMEDIAL INVESTIGATION ADS 1006																		
132	1235500220 TIGS 151 PHASE I RFI/RI FIELDWORK	5220	28-Jan-1991	17-Jan-2014														
133	1235500250 TIGS 151 RADIAL SOIL SAMPLES	2	28-Jan-1991	29-Jun-1993														

U. S. Department of Energy - Rocky Flats Plant
 PROPOSED FY95-FY99 FIVE YEAR PLAN
 WORK PACKAGE: 12355 OU 8 REMEDIAL INVESTIGATION

ACTIVITY	DESCRIPTION	DA#	START	END	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
134 1235500345 1168 151 SOIL GAS SURVEY		1	01-Oct-1993	01-Oct-1993																		134
135 1235500345 1169 151 RAD SAMPLES		1	02-Jun-2014	02-Jun-2014																		135
136 1235500340 1168 151 DRILL 5 IN 120 FT. I		10	02-Jun-2014	13-Jun-2014																		136
137 1235500345 1168 151 RAD SCREEN OF SAMPLES		10	01-Jun-2014	17-Jun-2014																		137
OU 8 (TISS 151) PHASE I RFI/RI LAB WORK/DATA VALIDATION																						
138 1235500340 1168 151 PHASE I RFI/RI LAB WORK/DATA VALIDATION		5372	28-Jul-1993	21-Feb-2015																		138
139 1235500345 1168 151 INTRUSIVE LABORATORY SAMPLE		92	28-Jul-1993	07-Dec-1993																		139
140 1235500340 1168 151 INTRUSIVE LABORATORY SAMPLE ANALYSIS		100	09-Jun-2014	26-Dec-2014																		140
141 1235500345 1168 151 DATA VALIDATION		20	15-Oct-2014	30-Jan-2015																		141
142 1235500340 1168 151 RFEQS		30	15-Oct-2014	27-Feb-2015																		142
OU 8 (TISS 163) PHASE I RFI/RI FIELDWORK																						
143 1235500340 1168 143 PHASE I RFI/RI FIELDWORK		721	11-Oct-1993	04-Sep-1994																		143
144 1235500340 1168 143 RAD SURVEY		2	11-Oct-1993	12-Oct-1993																		144
145 1235500345 1168 143 SOIL GAS SURVEY		2	11-Oct-1993	12-Oct-1993																		145
146 1235500345 1168 143 SURFACE/GALLOW GOL. SAMPLES		3	11-Oct-1993	18-Oct-1993																		146
147 1235500342 1168 143 BAT SAMPLES		1	03-Sep-1994	01-Sep-1994																		147
148 1235500343 1168 143 DRILL 1 BH 120 FT. I		2	03-Sep-1994	01-Sep-1994																		148
149 1235500345 1168 143 RAD SCREEN OF SAMPLES		3	01-Sep-1994	04-Sep-1994																		149
OU 8 (TISS 163) PHASE I RFI/RI LAB WORK/DATA VALIDATION																						
150 1235500340 1168 142 PHASE I RFI/RI LAB WORK/DATA VALIDATION		873	12-Nov-1993	20-May-1997																		150
151 1235500345 1168 142 INTRUSIVE LABORATORY SAMPLE ANALYSIS		93	12-Nov-1993	01-Apr-1994																		151
152 1235500345 1168 142 INTRUSIVE LABORATORY SAMPLE ANALYSIS		93	09-Sep-1994	27-Jan-1997																		152
153 1235500340 1168 142 DATA VALIDATION		63	23-Jan-1997	22-Apr-1997																		153
154 1235500345 1168 142 RFEQS		83	23-Jan-1997	20-May-1997																		154
OU 8 (TISS 172) PHASE I RFI/RI FIELDWORK																						
155 1235500245 1168 172 PHASE I RFI/RI FIELDWORK		825	29-Jun-1993	16-Oct-1994																		155
156 1235500240 1168 172 RAD SURVEY 1461		11	28-Jun-1993	16-Jul-1993																		156
157 1235500445 1168 172 SURF SCRAPS, SANDY SOIL, ASPIRAL SAMPLES		15	03-Sep-1994	23-Sep-1996																		157
158 1235500455 1168 172 DRILL 15 BH 120 FT. I		30	03-Sep-1994	14-Oct-1994																		158
159 1235500475 1168 172 RAD SCREEN OF SAMPLES		30	05-Sep-1994	16-Oct-1994																		159

OU 8 REMEDIAL INVESTIGATION ADS 1006

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**U. S. Department of Energy - Rocky Flats Plant
PROPOSED FY95-FY99 FIVE YEAR PLAN
WORK PACKAGE: 12355 OU 6 REMEDIAL INVESTIGATION**

FILE: 10000000 AS OF 15-Nov-2010:16

0 REMEDIAL INVESTIGATION

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U. S. Department of Energy - Rocky Flats Plant
 PROPOSED FY95-FY99 FIVE YEAR PLAN
 WORK PACKAGE: 12355 OU 8 REMEDIAL INVESTIGATION

ACTIVITY	DESCRIPTION	BDR.	START	END	12/91	12/92	12/93	12/94	12/95	12/96	12/97	12/98	12/99	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
					Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan	Jan									
OU 8 (12355) 180) PHASE I RFI/RI FIELDWORK			1	22-Oct-1993																			
185 1235500195 12355 180 PHASE I RFI/RI FIELDWORK			1	22-Oct-1993																			
186 1235500196 12355 180 SURFACE/SHALLOW SOIL SAMPLES			2	22-Oct-1993																			
187 1235500200 12355 180 RAD SCREEN OF SAMPLES			2	24-Oct-1993																			
OU 8 (12355) 180) PHASE I RFI/RI LAB WORK/DATA VALIDATION																							
188 1235500196 12355 180 PHASE I RFI/RI LAB WORK/DATA VALIDATION			172	29-Oct-1993																			
189 1235500205 12355 180 RAD-UNLABELED LABORATORY SAMPLE ANALYSIS			12	29-Oct-1993																			
190 1235500205 12355 180 DATA VALIDATION			62	14-Mar-1994																			
191 1235500206 12355 180			82	16-Mar-1994																			
OU 9 NON-INTRUSIVE TECH MEMO																							
192 1235500225 12355 9 NON-INTRUSIVE TECH MEMO			60	31-Jul-2008																			
193 1235500220 12355 9 - PREPARE & APPROVE TECH-INFORMATIVE TECH MEMO			60	31-Jul-2008																			
OU 9 DRAFT PHASE I RFI/RI & E/E/HIRA REPORT																							
194 1235500090 12355 9 DRAFT PHASE I RFI/RI & E/E/HIRA REPORT			294	24-Nov-2014																			
195 1235500095 12355 9 PREPARE DRAFT PHASE I RFI/RI & E/E/HIRA REPORT			144	26-Nov-2014																			
196 1235500095 12355 9 DOCUMENT PROCESSING & TRAJECTIAL			5	02-Jan-2015																			
197 1235500090 12355 9 CIVIL REVIEW CRAFT PHASE I RFI/RI & E/E/HIRA REPORT			26	10-Jan-2015																			
198 1235500098 12355 9 CIVIL REVIEW DRAFT PHASE I RFI/RI & E/E/HIRA REPORT			26	10-Jan-2015																			
199 1235500090 12355 9 INCORPORATE COMMENTS & FINALIZE CRAFT PHASE I RFI/RI & E/E/HIRA REPORT			50	17-Aug-2015																			
200 1235500075 DOCUMENT PROCESSING & TRAJECTIAL			5	27-Oct-2015																			
201 1235501000 GLOWIT DRAFT PHASE I RFI/RI & E/E/HIRA REPORT																							
202 1235500075 EPL/CIA REVIEW CRAFT PHASE I RFI/RI & E/E/HIRA REPORT			62	01-Nov-2015																			
203 1235501010 CIVIL INDUSTRIES REVIEW DRAFT PHASE I RFI/RI & E/E/HIRA REPORT			62	03-Nov-2015																			
OU 8 FINAL PHASE I RFI/RI & E/E/HIRA REPORT																							
204 1235501020 FINAL PHASE I RFI/RI & E/E/HIRA REPORT			170	09-Feb-2016																			
205 1235501015 INCORPORATE COMMENTS & FINALIZE PHASE I RFI/RI & E/E/HIRA REPORT			62	09-Feb-2016																			
206 1235501025 DOCUMENT PROCESSING & TRAJECTIAL			5	04-May-2016																			
207 1235501030 CIVIL/IND REVIEW DRAFT PHASE I RFI/RI & E/E/HIRA REPORT			26	13-May-2016																			
208 1235501035 CIVIL/IND REVIEW DRAFT PHASE I RFI/RI & E/E/HIRA REPORT			26	13-May-2016																			
209 1235501040 INCORPORATE COMMENTS & FINALIZE PHASE I RFI/RI & E/E/HIRA REPORT			10	21-Jun-2016																			
210 1235501010 DOCUMENT PROCESSING & TRAJECTIAL			10	06-Jul-2016																			

OU 9 REMEDIAL INVESTIGATION ADS 1006

FILE NUMBER AS OF: 15-May-15:01:14

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**U. S. Department of Energy - Rocky Flats Plant
PROPOSED FY95-FY99 FIVE YEAR PLAN
WORK PACKAGE: 12355 OU 8 REMEDIAL INVESTIGATION**

THE MUSICAL LIFE OF GEORGE WASHINGTON

REMEDIAL INVESTIGATION

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